



TAURUS PRO 316L STAINLESS STEEL ELECTRODES

Description

TAURUS PRO 316L is a rutile, high-alloy, extra-low carbon austenitic electrode for welding corrosion resistant CrNiMo steels resistant to atmospheric corrosion. Resistant to grain disintegration at operating temperatures up to 350°C. Very smooth weld with clean weld edge, low spatter loss and easy slag removal. Suitable for welding AISI/ASTM 316, 316L, 316LN, 316H and 316Ti.

WELDING POSITIONS

- Flat
- Horizontal
- Vertical up
- Overhead

CLASSIFICATIONS

- AWS A5.4 E 316L-16
- ISO 3581 E 19 12 3 LR 26
- DIN 8556 E 19 12 3 nC R 26

AVAILABLE IN

- 2.0 x 300mm – 1kg pack
- 2.6 x 300mm – 1kg pack
- 3.2 x 350mm – 1kg pack
- 4.0 x 350mm – 1kg pack

COMPOSITION

	%
Carbon	0.03 %
Manganese	0.70 %
Silicon	0.70 %
Nickel	12.00 %
Chromium	19.00 %
Molybdenum	2.50 %

MECHANICAL

AS WELDED

0.2% Proof stress	400 N/mm ²
Tensile strength	550 N/mm ²
Elongation (5xd)	35 %
Reduction of area	50 %
Impact strength ISO-V@0°C	60 Joule
Impact strength ISO-V@+20°C	70 Joule

Product Category

1. Consumables
2. Electrodes
3. Stainless Steel

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